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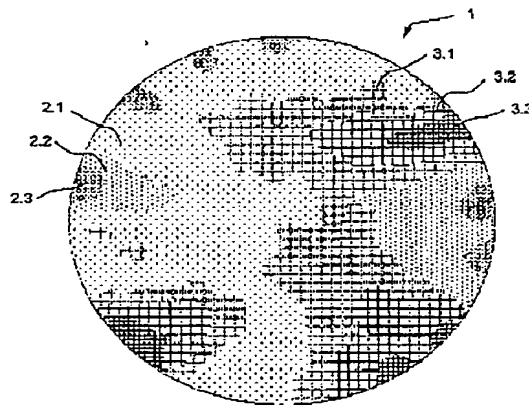
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(54) Title: CORRECTION METHOD FOR CHIP REMOVAL MACHINES



(57) Abstract:

The invention concerns a method for determining a deviation of at least one regulating variable on chip removal machines with a mechanical drive for a tool and/or a workpiece 1, regulated by a control system, wherein the regulation comprises a plurality of values C, X, Z of at least three spatial axes c, x, z for the control system and for the drive, and the values C, X, Z have a functional relation such as $Z = f_{bi}(C, X)$ with the axes c, x, z . A protocol is prepared from a plurality of control system actual values ($C_{p,s}, X_{p,s}, Z_{p,s}$) detected by measuring means and/or selected drive actual values ($C_{p,a}, X_{p,a}, Z_{p,a}$) and a control system nominal value according to $Z_{bi,s} = f_{bi}(C_{p,s}, X_{p,s})$ and/or a drive nominal value according to $Z_{bi,a} = f_{bi}(C_{p,a}, X_{p,a})$ is calculated at least in relation to the z -axis, and a control system differential value according to $D_{z,s} = Z_{p,s} - Z_{bi,s}$ and/or a drive differential value according to $D_{z,a} = Z_{p,a} - Z_{bi,a}$ is calculated at least in relation to the z -axis. The invention also pertains to a chip removal machine which implements such a method.

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